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NOTICE OF ALLOWANCE AND FEE(S) DUE

44163

7590

02/06/2009

CYR & ASSOCIATES, P.A. 605 U.S. Highway 169 Suite 300 Plymouth, MN 55441 EXAMINER

VAN ROY, TOD THOMAS

ART UNIT PAPER NUMBER

2828

DATE MAILED: 02/06/2009

APPLICATION NO.	NO. FILING DATE FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/751.301	01/02/2004	David M. Giorgi	00970.0011-US-U1	8801	

TITLE OF INVENTION: APPARATUS AND METHOD FOR DRIVING A PULSED LASER DIODE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	05/06/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

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If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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If the SMALL ENTITY is shown as NO:

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

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CYR & ASSO 605 U.S. Highwa Suite 300	ay 169			I here State addre trans	eby certify that thi s Postal Service w essed to the Mail	s Fee(s ith suf Stop	s) Transmittal is being ficient postage for firs ISSUE FEE address 1) 273-2885, on the day	deposi t class i above,	ited with the United mail in an envelope or being facsimile
Plymouth, MN 5	55441								(Depositor's name)
									(Signature)
									(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTO:	RNEY DOCKET NO.	CONI	FIRMATION NO.
10/751,301	01/02/2004	•	David M. Giorgi			009	70.0011-US-U1		8801
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	UE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	\top	DATE DUE
nonprovisional	YES	\$755	\$300		\$0		\$1055		05/06/2009
EXAM	INER	ART UNIT	CLASS-SUBCLASS						
VAN ROY, TO	OD THOMAS	2828	372-025000						
Change of correspondence address or indication of "Fee Address" (37 FR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of u or agents OR, alter (2) the name of a s registered attorney 2 registered patent	ing on the patent front page, list nes of up to 3 registered patent attorneys PR, alternatively, ne of a single firm (having as a member a attorney or agent) and the names of up to 4 patent attorneys or agents. If no name is ame will be printed.					
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10/751,301	01/02/2004	David M. Giorgi	00970.0011-US-U1	8801	
44163 75	90 02/06/2009	EXAMINER			
CYR & ASSOCI	ATES, P.A.	VAN ROY, TOD THOMAS			
605 U.S. Highway	169		ART UNIT	PAPER NUMBER	
Suite 300 Plymouth, MN 554	41		2828 DATE MAILED: 02/06/200	9	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 200 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 200 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
Notice of Allowability	10/751,301 Examiner	GIORGI ET AL. Art Unit	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	LAMITHE	Art office	
	TOD T. VAN ROY	2828	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31:	6 (OR REMAINS) CLOSED i) or other appropriate comm RIGHTS. This application is	n this application. If not included unication will be mailed in due coul	rse. THIS
1. X This communication is responsive to Remarks filed 10/28/	<u>′2008</u> .		
2. X The allowed claim(s) is/are <u>1-13,18 and 20-23</u> .			
 3.		or (f).	
2. Certified copies of the priority documents have	e been received in Application	on No	
Copies of the certified copies of the priority do	ocuments have been receive	d in this national stage application	from the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDON'THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the require	ements
4. A SUBSTITUTE OATH OR DECLARATION must be subn INFORMAL PATENT APPLICATION (PTO-152) which give			CE OF
5. CORRECTED DRAWINGS (as "replacement sheets") mu	st be submitted.		
(a) 🔲 including changes required by the Notice of Draftsper	son's Patent Drawing Revie	w (PTO-948) attached	
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date	<u>.</u> .		
(b) ☐ including changes required by the attached Examiner Paper No./Mail Date	's Amendment / Comment o	r in the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			k) of
 DEPOSIT OF and/or INFORMATION about the depo- attached Examiner's comment regarding REQUIREMENT 			the
Attachment(s)	5 □ Notice of Ir	formal Datant Application	
 Notice of References Cited (PTO-892) Dotice of Draftperson's Patent Drawing Review (PTO-948) 		oformal Patent Application ummary (PTO-413),	
 Information Disclosure Statements (PTO/SB/08), 	Paper No.	/Mail Date Amendment/Comment	
Paper No./Mail Date			
4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ⊠ Examiner's	Statement of Reasons for Allowan	ice
	/Minsun Harve Supervisory Pa	ey/ tent Examiner, Art Unit 2828	

DETAILED ACTION

Response to Arguments

Applicant's arguments, see Remarks, filed 10/28/2008, with respect to claim 1 have been fully considered and are persuasive. The rejection of the claims has been withdrawn.

The Examiner notes agreement with the Applicant that the capacitors of Duke are not taught to be 'operatively' charged.

Allowable Subject Matter

Claims 1-13, 18, and 20-23 are allowed.

The following is an examiner's statement of reasons for allowance:

Claim 1 is believed to be allowable as the prior art failed to disclose or make obvious the combination of the stated capacitive storage element energy and voltage relationships, as they relate to being operatively charged in a switched current path, and additionally operatively discharge across a laser diode. The prior art was found to teach similar circuits, as have been cited, but did not teach the stated relationships and most notably the relationships to hold true when operatively charged, and subsequently discharging the energy to the laser diode. For these reasons the claims are believed to be in condition for allowance.

Please see the previous office actions for the reasons of allowance for claims 18 and 20.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably Application/Control Number: 10/751,301 Page 3

Art Unit: 2828

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TOD T. VAN ROY whose telephone number is (571)272-8447. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Minsun Harvey can be reached on (571)272-1835. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TVR/

/Minsun Harvey/ Supervisory Patent Examiner, Art Unit 2828 Application/Control Number: 10/751,301

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